

### ABSTRACT OF THE DISCLOSURE

To provide a protection circuit for battery charge and a power supply apparatus in which a wafer test period is shortened. The protection circuit for battery charge according to the present invention includes: a battery state monitoring circuit for monitoring a battery state of a secondary battery to output a battery state detection signal; an oscillation circuit for, in response to the battery state detection signal, outputting an output signal (CLK); a frequency division circuit for, in response to the output signal (CLK) from the oscillation circuit, outputting a frequency-divided signal; a logic circuit for, in response to the signal from the frequency division circuit, outputting a signal; a first terminal through which the output signal (CLK) from the oscillation circuit is inputted; a second terminal through which the signal from the logic circuit is inputted; and an external test circuit connected to the first terminal and the second terminal. The first terminal is connected to an input of the oscillation circuit.